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NETWORK SERVICES

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ChyTV Video Graphics Information Display Systems

Display messages and graphics anywhere there's a TV.

FEATURES

- Mix incoming video with graphics and output the mixed video to a TV.
- Show either full-screen images or graphics and text combined with an external video feed.
- Broadcast high-quality, eye-catching video effects such as text crawls, as well as full-motion video regions and animations (formatted as GIF, JPG, BMP, PNG, TGA, image sequence animations, and other file types).
- Create full-screen, graphics-rich pages, showing dynamic text, logos, and animations using the supplied templates or your own artwork.
- Add audio files for alarms, alerts, and voice-overs in emergency applications.
- Schedule page displays in a playlist, including loop durations, using the system's time-control features.
- Chassis includes a media slot with a removable SanDisk® CompactFlash™ card for storing and transferring ChyTV pages, playlists, and other files.
- Compact, lightweight metal unit works in temporary or permanent installations.
- Operate the system and make real-time data updates through the built-in 10/100 Ethernet interface.
- Support NTSC formats.
- Virtually virus-proof and require no external computer connection.

OVERVIEW

Use this low-cost system to add messaging capabilities to an existing video infrastructure or create informative digital signage.

ChyTV makes it easy to combine graphics, video, and audio capabilities to create dynamic, eye-catching messaging presentations. This self-contained system is simple to use and configure, and there are no expensive add-ons to purchase and master.

But don't be fooled by its simplicity. ChyTV delivers professional-quality presentations without requiring the studio wizardry of a highly skilled video technician.

You can position and manipulate an image and/or text a number of ways. Display a video source image with graphics and text around it, superimpose a message over full video or a background, squeeze the live video window, independently resize and position graphics elements, and more. Graphics and text can be displayed on a single screen or broadcast throughout a campus or facility with the use of multiple units.

The ChyTV system works with ordinary TVs and plasma and LCD screens—in your lobby, at a retail site, or around your corporate or educational campus—to broadcast messages that are tailored to a specific audience or for the general public.

Not only can you create the content and message you need, you can also easily distribute it according a specific schedule. You can even set pages to display for a specific length of time during certain hours or days.

The system also enables you to insert graphics into the video stream at the push of a button. Stream ordinary video and when you want special text or graphics to be shown, press the box's BYPASS/INSERT switch. It's that easy!

Order the Plus version for larger setups.

We offer two ChyTV versions: the ChyTV IP 2 and ChyTV Plus.

The ChyTV IP 2 has Composite video RCA input/output, audio input/output (left/right analog), a CompactFlash external media slot with SanDisk card, and a 10BASE-T/100BASE-TX Ethernet port.

For advanced capabilities, order the ChyTV Plus. It's perfect for professionally installed video messaging systems and, with additional input options, offers flexible system integration. Like the ChyTV IP 2, it includes audio and 10/100 Ethernet connectors, and a media slot with card. But, for video connections, it also has S-Video input/output, Composite BNC input/output, and Component BNC inputs/outputs, as well as RS-232 serial and GPI control interfaces.

The power to create using powerful software.

If you've ever created a simple PowerPoint® presentation, you have more than what it takes to create a dazzling ChyTV display. Never used PowerPoint? No problem—you'll find the system's intuitive ChyTV Tools interface gives you all the tools you need to create informative and impressive digital signage.

The ChyTV Tools interface is, in fact, the engine behind the entire system. With it, you can:

- Import and organize page elements for display.
- Transfer files between a PC and the ChyTV unit via the removable flash memory card.
- Assign graphics and text regions to either surround or overlay the video window.
- Resize and reposition video regions from page to page with smooth dynamic transitions.
- Schedule pages and their page elements for display.
- Use preloaded templates to insert colorful, graphics-rich backgrounds.
- Insert logos and animations.
- Control the unit remotely.

Inserting text is a snap using the ChyTV software. It can be typed directly onto a page or imported from another source, such as Microsoft® Word. The software enables you to apply background colors, highlight text, and have your text run horizontally across your presentation as a crawl. You set the speed of the crawl and, if you like, have it repeated as part of a loop and give it a soft mask (with transparent soft edges at the start and end of the displayed text).

You can even insert your favorite PowerPoint elements into a presentation. Images, text, and tags placed on a PowerPoint slide are saved as HTML for conversion by the ChyTV software. Thumbnail images provide you with previews of your converted pages.

ChyTV IP 2 (rear)

ChyTV Plus (rear)

CHYTVPLUS-N

Technically Speaking

ChyTV operates as a standalone device and offers optimum reliability. When it's added to the video/audio path, it works with various external sources, including cable and satellite TV systems, as well as DVD players, VCRs, and other media players. Just position the unit between an external TV tuner (such as a cable box) or a direct video source (such as a DVD player or VCR), and a TV.

Once you connect ChyTV to your video source and the TV with the included cables, the system's software guides you through the configuration and content-creation process. The box also features a 10/100 Ethernet port for direct network connections and for downloading content and schedules via the Internet. Just assign the ChyTV unit an IP address and use a networked PC to control a ChyTV presentation, make live data updates, upload files for broadcast, and perform other advanced functions.

Want to control multiple ChyTV units? The standard user interface enables you to manage up to 20 systems on a network. Additional management solutions are also available to support larger enterprises containing thousands of ChyTV systems. For details, contact our FREE Tech Support.

POPULAR APPLICATIONS

- Display event information in cafeterias, hotel lobbies, restaurant bar areas, entertainment venues, and sports facilities.
- Show sale and product-related information to potential retail customers.
- Use in a training or classroom setting.
- Set up displays in airports, bus or train stations, or other transportation hubs to distribute scheduling and other information.
- Use in hospital lobbies, waiting rooms, and fitness centers to promote health screenings, wellness clinics, and health education seminars.
- Take it to trade shows and easily build an informative, eye-catching booth display using any available TV.
- Connect it to a building-wide CCTV system to send emergency alerts to employees.
- Reach different audiences at different times as part of a segmented, targeted marketing campaign.
- Generate ad revenue on your network.

TECH SPECS

CHYTV-IP2-N:
Audio Format — Low impedance, unbalanced stereo
Operating Systems Required — Windows® 2000 and Windows XP
Video Format — 75 ohms,1 V p-p, 525 (NTSC)
CE Approval — Yes
Connectors — Composite video input: (1) RCA;
Composite video output: (1) RCA;
Audio input: (2) RCA (left/right analog);
Audio output: (2) RCA (left/right analog);
Media input/output: (1) CompactFlash external slot (shipped with a removable SanDisk card);
Ethernet: (1) RJ-45 (10BASE-T/100BASE-TX)
Power — External 110–220 VAC, 50–60 Hz to 5 VDC
Size — 1.75"H (1U) x 8.5"W x 6.2"D (4.4 x 21.6 x 15.7 cm)
Weight — 4 lb. (1.8 kg)

CHYTVPLUS-N:
Audio Format — Low impedance, unbalanced stereo
Operating Systems Required — Windows 2000 and Windows XP
Video Format — 75 ohms,1 V p-p, 525 (NTSC)
CE Approval — Yes
Connectors — Composite video input: (1) BNC;
Composite video output: (1) BNC;
S-Video input: (1) 4-pin DIN Y/C;
S-Video output: (1) 4-pin DIN Y/C;
Component (YUV/RGsB) video input: (3) BNC;
Component (YUV/RGsB) video output: (3) BNC;
Audio input: (2) RCA (left/right analog);
Audio output: (2) RCA (left/right analog);
Media input/output: (1) CompactFlash external slot (shipped with a removable SanDisk card);
Ethernet: (1) RJ-45 (10BASE-T/100BASE-TX);
Serial: (1) DB9 M (RS-232);
General Purpose Interface (GPI): (1) DB9 (programmable for remote triggering)
Power — External 110–220 VAC, 50–60 Hz to 5 VDC
Size — 1.75"H (1U) x 8.5"W x 6.2"D (4.4 x 21.6 x 15.7 cm)
Weight — 4 lb. (1.8 kg)

Item	Code
ChyTV Video Graphics Information Display Systems	
ChyTV IP 2	**CHYTV-IP2-N**
ChyTV Plus	**CHYTVPLUS-N**